

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 08-272197

(43)Date of publication of application : 18.10.1996

(51)Int.Cl. G03G 15/043  
G03G 15/04  
B41J 2/52  
G03G 21/18  
G03G 15/01  
G03G 15/08  
G03G 21/00  
H04N 1/113  
// G03G 5/02

(21)Application number : 07-318903

(71)Applicant : CANON INC

(22)Date of filing : 07.12.1995

(72)Inventor : YOSHINAGA KAZUO  
HASHIMOTO YUICHI  
NAGASE YUKIO  
TANAKA MAMORU  
SAKAI KIYOSHI

(30)Priority

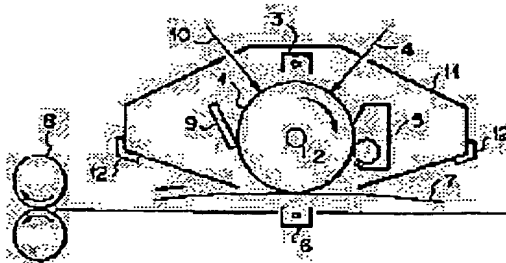
Priority number : 06303948 Priority date : 07.12.1994 Priority country : JP

## (54) IMAGE FORMING DEVICE AND PROCESS CARTRIDGE

(57)Abstract:

PURPOSE: To provide an image forming device and process cartridge which can produce an image having excellent resolution and gradation.

CONSTITUTION: This image forming device comprises an electrophotographic photoreceptor 1 having a photosensitive layer on a support, a charging means 3 to charge the photoreceptor 1, an exposing means to shine light onto the charged photo receptor 1, a developing means 5, and a transfer means 6, wherein the product of the spot area of the light 4 shined by the exposing means and the thickness of the photosensitive layer is below  $20,000\mu\text{m}^3$ , and one or more of the photoreceptor 1, charging means 3, developing means 5, and cleaning means 9 is/are process cartridge 11 which is support rigidly and is arranged as capable of being removably mounted on the body of the image forming device.



## LEGAL STATUS

[Date of request for examination] 30.06.2000

[Date of sending the examiner's decision of] 07.12.2001

rejection]

[Kind of final disposal of application other than  
the examiner's decision of rejection or  
application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision  
of rejection]

[Date of requesting appeal against examiner's  
decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office